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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gregory et. al. Examiner: Dr. K. C. Carlson
Serial No.: 08/087,132 Art Unit: 1812
Filed: July 2, 1993 Docket: IG4-9.2(FWC)

For: NEW DIAGNOSTIC AND TREATMENT METHODS
INVOLVING THE CYSTIC FIBROSIS TRANSMEMBRANE
REGULATOR

Honorable Commissioner of
Patents and Trademarks
Washington, DC 20231

-- CERTIFICATE OF MAILING UNDER 37 CFR §§ 1.8 --

I hereby certify that this Reply with Amendment and the attachments thereto (copy of Request for Extension of Time previously filed, four Declarations of Dr. Gregory with 3 exhibits thereto, Information Disclosure Statement with Fee Petition and Form 1449, duplicate copy of Applicants' paper of November 22, 1994, and Exhibit Book- Parts 1 and 2) is being deposited this day with the U.S. Postal Service as first class (priority) mail, sufficient postage prepaid, in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

Date: June 9, 1995 By: Kim Akeeli
Kim Akeeli

REPLY WITH AMENDMENT UNDER 37 CFR 1.111

SIR:

The present application, Serial No. 08/087,132 was filed on July 2, 1993 and is a file wrapper continuation of Serial No. 07/613,592, itself filed on November 15, 1990, which is a continuation-in-part of Serial No. 07/589, 295, itself filed on September 27, 1990, which is a continuation-in-part of Serial No. 07/488,307 filed on March 5, 1990. Of these applications, only the present

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application remains pending at this time. This Reply with Amendment is submitted in response to the Examiner's Action herein of December 9, 1994.

The Examiner's considerable efforts on behalf of the Application are hereby acknowledged. In particular, the interview of November 23, 1994 was greatly appreciated. With respect to the Claims, numerous of the Examiner's suggestions are being adopted. In order to do this, and to further define the subject matter embraced thereby, all of the claims that are pending herein (Nos. 139-163) are being replaced by new Claims 164 to 198.

Preliminary Considerations

The **Request for Extension of Time** for three months that is due in connection with this Reply was submitted on June 6, 1995 so that a continuation application of this '132 application could be accepted for filing on that date. An additional duplicate of that Request was submitted with that continuation application, and a further duplicate thereof marked "COPY" is attached to this Reply.

A large number of references come to be discussed herein. For convenience, most of these Documents are collected into a bound **Exhibit Book (having Parts 1 and 2)** that is submitted herewith. Included in the Exhibit Book are: copies of the references disclosed herewith in Applicants' Supplemental Information Disclosure Statement; copies of all of the references that comprise Documents (A) through (J) as referred to in the Declarations of Dr. Gregory, an inventor herein; and copies of decisions of the Court of Appeals for the Federal Circuit and of the Board of Patent Appeals and Interferences (Documents K